**Honors Algebra 2 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Chapter 8 Quiz Review**

**Series and Sequences**

**Tell whether the sequence is arithmetic. Explain your reasoning.**

1.  2. 

**Write a rule for the n*th* term of the sequence. Then find **

3.  4. 

**Write a rule for the n*th* term of the sequence. Then graph the first six terms of the sequence.**

5.  6. 

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**Tell whether the sequence is geometric. Explain your reasoning.**

7.  8. 

**Write a rule for the n*th* term of the sequence. Then find .**

9.  10. 

**Write a rule for the n*th* term of the sequence. Then graph the first six terms of the sequence.**

11.  12. 



Find the sum.

13.  14. 